PWG -71 EXTRA ITEM RATE LIST STATEMENT

Name of Work: PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Client : Bruhat Bangalore Mahanagara palike

Agency : Sri. B B Umesh. Class 1 Contractor Bangalore

Sl. No.	Item of Work	Unit	Approximate Quantity	Rate	Amount In Rs	Whether the items are alternative to items in the tender or wherther they are additional items (If items are in lieu of some items in the accepted tender, such items should be metioned	Wherther the extra item is included in the sanctioned estimate	How the extra cost of the item is propposed to be met	Whether the extra item is included in the suchedule of rate of the Division. If so reference to this item of the schedule to be given , if not data sheets should accompany	Remarks
EIRL-1	"Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws.The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means	Sqm	40.60	7525.61	305539.77	Additional Item	No	in the savings of other items in the same estimate	SR Rate	

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Sl. No.	Item of Work	Unit	Approximate Quantity	Rate	Amount In Rs	Whether the items are alternative to items in the tender or wherther they are additional items (If items are in lieu of some items in the accepted tender, such items should be metioned	Wherther the extra item is included in the sanctioned estimate	How the extra cost of the item is propposed to be met	Whether the extra item is included in the suchedule of rate of the Division. If so reference to this item of the schedule to be given , if not data sheets should accompany	Remarks
EIRL 2	"Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws.The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means	Sqm	40.60	7534.04	**305882.02**	Additional Item	No	in the savings of other items in the same estimate	SR Rate	
EIRL 3	Providing and laying 100mm thick pre-cast cover slabs over drains & Rain pit of width not exceeding 800 mm using M20 Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)	Sqm	40.00	2156.54	**86261.60**	Additional Item	No	in the savings of other items in the same estimate	Data rate approved by Compitent authority	
	EIRL TOTAL				**697683.39**					

Total Amount of Sanctioned Tender	=	**95000000.00**
Net Excess Amount of EIRL	=	**697683.39**
Total % excess to the Tendered Amount	=	**0.73** %

Assistant Engineer
Project Division

Assistant Executive Engineer
Project Division

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division

Executive Engineer
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Yelahanka Zone
BBMP, Bangalore-92

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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BRUHAT BANGALORE MAHANAGARA PALIKE
FORM PWG -45 WORK SLIP STATEMENT

Name of Work: PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Sanctioned Estimate Amount: Rs. 95,000,000.00

Sanctioned Tender Amount: Rs.8,81,41,302/-

Operative Tender Premium 4.08% Above

Name of the Contractor: Sri. B B Umesh, Class 1 Contractor Bangalore

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed as per actuals	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
11	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per	Cum	24.30	6854.10	166554.63	24.30	7132.47	173319.02	28.45	28.45	7132.47	202918.77	0.00	7132.47	0.00	202918.77	29598.75	
25	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural	Sqm	74.51	3169.10	236129.64	74.51	3297.81	245719.64	95.75	93.14	3297.81	307149.56	2.61	3297.81	8615.52	315765.08	70045.43	
32	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all	kg	1654.50	188.10	311211.45	1654.50	195.13	322843.91	4738.11	2068.13	195.13	403554.89	2669.99	195.13	520996.31	924551.19	601707.28	
33	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved	kg	210.00	122.10	25641.00	210.00	126.20	26502.84	688.50	262.50	126.20	33128.55	426.00	126.20	0.00	33128.55	6625.71	
35	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per	Cum	71.47	8379.16	598858.57	71.47	8719.73	623198.79	105.90	89.34	8719.73	778998.49	16.56	8719.73	144420.46	923418.94	300220.15	
36	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in	kg	10439.95	117.77	1229512.91	10439.95	122.32	1277023.04	15968.00	13049.94	122.32	1596278.79	2918.06	122.32	356939.74	1953218.53	676195.50	
39	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing	Sqm	471.12	302.75	142631.58	471.12	315.51	148643.07	696.00	588.90	315.51	185803.84	107.10	315.51	33791.12	219594.96	70951.89	
44	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding	cum	0.28	100426.62	28119.45	0.28	104503.71	29261.04	0.32	0.32	104503.71	33459.20	0.00	104503.71	0.00	33459.20	4198.16	
52	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per	Cum	71.64	8462.12	606226.28	71.64	8806.13	630870.92	78.38	78.38	8806.13	690224.22	0.00	8806.13	0.00	690224.22	59353.29	
53	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in	kg	10461.62	118.93	1244200.47	10461.62	124.26	1299986.01	17026.00	13077.03	124.26	1624982.31	3948.98	124.26	490709.11	2115691.42	815705.41	
55	Providing 20 mm cement plaster of mix 1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and	Sqm	258.57	430.57	111332.48	258.57	447.54	115720.11	289.88	289.88	447.54	129733.35	0.00	447.54	0.00	129733.35	14013.24	

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No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed as per actuals	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
56	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing	Sqm	478.54	305.75	146313.61	478.54	317.45	151913.29	542.63	542.63	317.45	172258.76	0.00	317.45	0.00	172258.76	20345.47	
61	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding	Cum	0.27	101420.95	27383.66	0.27	105548.29	28498.04	0.32	0.32	105548.29	34197.65	0.00	105548.29	0.00	34197.65	5699.61	
64	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	kg	2991.38	191.86	573926.17	2991.38	199.98	598230.53	3819.07	3739.23	199.98	747788.16	79.85	199.98	15968.19	763756.35	189826.82	
69	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Lintel, Beams, Slab)	Sqm	15.94	8545.09	136208.73	15.94	8892.53	141746.90	19.78	19.78	8892.53	175928.96	0.00	8892.53	0.00	175928.96	34181.77	
	TOTAL				5584250.62			5813477.14				7719882.49			1577440.99	9685245.96	2874768.70	

Percentage of excess comparing to the sanctioned Estimated cost = 2874768.70 / [illegible] x 100 = 3.03 %

Agent

AE
Project Division

Asst. Executive Engineer

Executive Engineer

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Name of Work: PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Rate Analysis for Extra Items

EI -01	"Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws.The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means of self expanding screws." with 4mm tinted glass with gaurd bars For First Floor						
	For First Floor						
	Pg No 41 It No 7.24.1 (d) of PWD SR 2018-19						
	Basic rate	***5350.00***					
	Consider Lift charges: Add an additional rate of Rs. 6.00/sqm per floor above or	***6.00***					
	Sub Total	***5356.00***					
	Area Weightage 8%	***428.48***					
	Sub Total 1	***5784.48***					
	Consider 25% Extra for change in steel rate compare to current SR	***1446.12***					
	Sub Total	***7230.60***					
	Add Tender premium 4.08%	***295.01***					
	Final Rate	***7525.61***					

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EI -02	"Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws.The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means of self expanding screws." with 4mm tinted glass with gaurd bars For Second Floor						
	For Second Floor						
	Pg No 15 It No 2.2.2.1 of PWD SR 2021-22						
	Basic rate	*5350.00*					
	Consider Lift charges: Add an additional rate of Rs. 6.00/sqm per floor above or	*12.00*					
	Sub Total	*5362.00*					
	Area Weightage 8%	*428.96*					
	Sub Total 1	*5790.96*					
	Consider 25% Extra for change in steel rate compare to current SR	*1447.74*					
	Sub Total	*7238.70*					
	Add Tender premium 4.08%	*295.34*					
	Final Rate	*7534.04*					
EI -03	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)						
	Approved Data rate						
	Basic rate	*2072.00*					
	Add Tender premium 4.08%	*84.54*					
	Final Rate	*2156.54*					

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